

Via: USPS Priority Mail

12/23/2015

Ms. Susan Sloper Community Planner City of Fitchburg 5520 Lacy Road Fitchburg, WI 53711

Re: Building Permit Application/Class 2 Collocation for the placement of additional equipment to an existing Verizon Wireless Mobile Service Facility/Irish Lane-5282 Irish Ln. Fitchburg, WI 53711

Parcel ID #: 225/0609-154-9501-2

Ms. Sloper:

Pursuant to your 12/02/2015 email, attached please find the City of Fitchburg Planning/Zoning Department Architectural & Design Review Application for the placement of an emergency power backup generator to an existing Verizon Wireless Mobile Service Facility at the above address.

On behalf of our client Verizon Wireless, enclosed please find the following information:

- 1. Completed and signed City of Fitchburg Architectural & Design Review Application;
- 2. Additional copies of previously submitted Verizon Wireless construction drawings, site plans, elevations, and equipment details in both hard copy and soft copy format.

Once complete, please send all permits to me at the address listed below.

Best regards,

Nathan Haupt

Phone: 775-223-3828

Ton 80 Realty Service, Inc. On behalf of Verizon Wireless

Enclosures as described

RECEIVED

POB 578790, Chicago, IL 60657

Fax: 866-244-6494



City of Fitchburg Planning/Zoning Department 5520 Lacy Road Fitchburg, WI 53711 (608-270-4200)

ARCHITECTURAL & DESIGN REVIEW APPLICATION

Applicant/Contact Person: Nathan Haupt, on behalf	of Verizon Wireless
Address: POB 578790	Phone Number of Contact Person: 775-223-3828
City, State, Zip Code: Chicago, IL 60657	Email of Contact Person: nhaupt@ton80realtyservices.com
Project Address: 5370-5376 Irish Ln. Fitchburg, WI 53711	Lot: Lot 2 CSM 9896 Subdivision:
Project Type: Multi-Family Commercia	al Industrial Mobile Service Facility Other
New Addition	
Impervious Surface Ratio (ISR): 2.2% (City Standa 40 SF within 1797 SF exist All items listed below must be included with the application application, the applicant must provide in writing the basis for Fitchburg Plan Commission for architectural and design rev	to be considered complete. If an item is not included with the
8. ISR shall be indicated o 9. Stormwater management	ds, drive, etc. s (rivers, ponds, wetlands). r improvements. site drainage. sain/lateral sizes and existing fire hydrants on site or within 300 n all plans.
4. Location of well, septic to 5. Additional proposed add 6. Construction type (wood 7. Foundation type (full bas 8. Number of levels. 9. Siding/exterior covering 10. Roof type (gable, hip, s 11. Roofing material type, o 12. Exterior door and windout 13. Fire protection sprinkles 13. Fire protection sprinkles 14. No changes proposed 15. Location of highway and 15. Location, size, configuration	dings, improvements and natural features. ank, drainfield, etc. (if applicable) itions or new structures frame, structural steel, etc.). sement, slab on grade, etc.). type, color, texture, etc. hed, flat, etc.) and pitch. color, texture, etc. ow location, size, type, etc. or or fire alarm systems. to the existing ingress, egress, or parking. road access points. tion of drivers and walks.
3. Number, size, location of 4. Location of handicapped 5. Bicycle rack(s).	parking spaces. parking and accessible building entrances.

ARCHITECTURAL AND DESIGN REVIEW APPLICATION Page 2 N/A. No change to proposed to the existing landscaping. Landscaping: 1. Location, species, size of existing trees, shrubs, and plantings. 2. Location, species, size of proposed plantings. 3. Location and size of all paved, seeded/sodded and gravelled areas. 4. Location of all retaining walls, fences, berms and other landscape features. tl is highly recommended that an applicant hold at least one neighborhood meeting prior to submitting* an ADR application to identify any concerns or issues of surrounding residents. The preceding information is considered to be the minimum information for submission, and the City may require additional information for its review. Any interpretations provided by city officials as the result of submitting the attached information are based on the submitted plans, and any plan changes, may affect the interpretations. It is the responsibility of the owner/applicant to insure compliance with all local and state requirements. The below signed applicant acknowledges the above information and hereby submits the attached information for the City's Architectural and Design Review Process. Date: 12/23/2015 Signed: Applicant or Authorized Agent *** Application shall be accompanied by one (1) sets of full-size plans, two (2) sets no larger than 11"x17", and one (1) pdf document of the complete submittal to planning@fitchburgwi.gov. Applications are due at least 4 weeks prior to the desired Plan Commission Meeting. The time frame assumes a complete set of plans is provided, and if it is not provided the Plan Commission date will be adjusted. FOR CITY USE ONLY Plan Commission Date: Date Received:_ Comments:

LESSOR/ LICE	NSOR APPRO\	/AL				
SIGNATURE PRINTED NAME DATE						
LESSOR/ LICENSOR: PLEASE (CHECK THE APPROPRIA	TE BOX BELOW				
NO CHANGES. CHANGES	S NEEDED. SEE COMME	NTS ON PLANS				

VERIZON WIRELESS DEPARTMENT APPROVALS INITIALS DATE EQUIPMENT ENGINEER: CONSTRUCTION MANAGER: REAL ESTATE MANAGER:

CONSULTANT TEAM

PROJECT CONSULTANT: TERRA CONSULTING GROUP, LTD.

600 BUSSE HIGHWAY PARK RIDGE, IL 60068 (847) 698-6400

OTHER LITERIES NOT INCLUDED IN DICCERS HOTHER AND LOCAL LITERIES

VERIZON WIRELESS

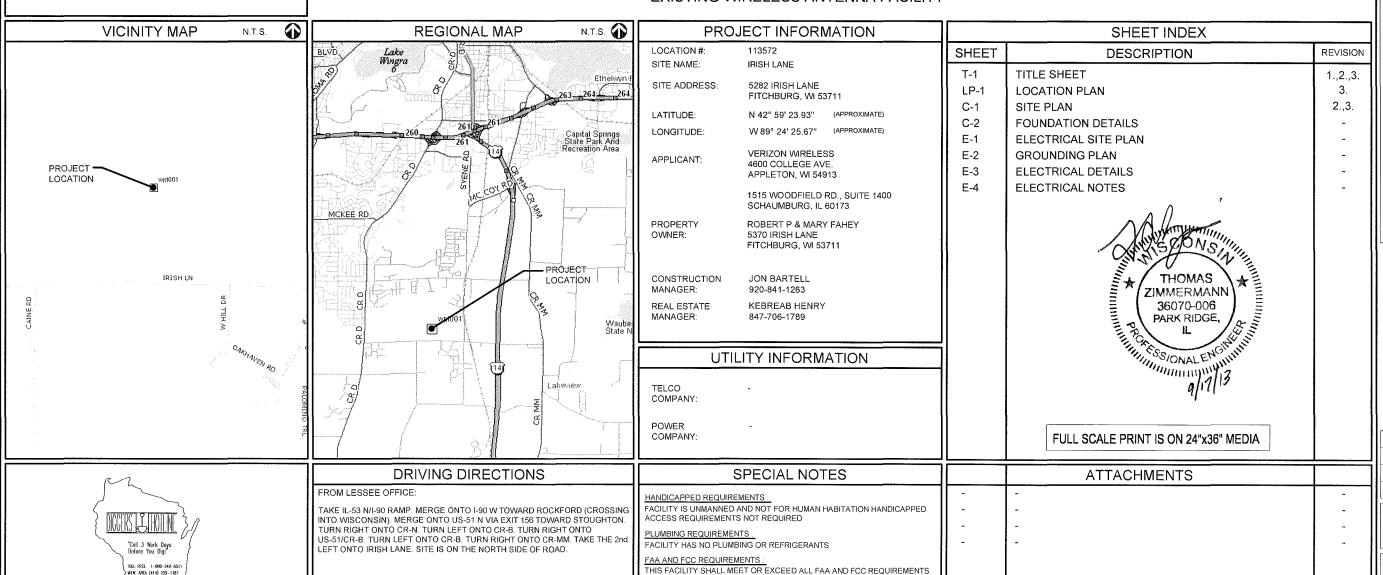
4600 COLLEGE AVE. APPLETON, WI 54913

1515 WOODFIELD ROAD, SUITE 1400 SCHAUMBURG, ILLINOIS 60173

LOCATION NUMBER: 113572 SITE NAME: IRISH LANE

PROPOSED STAND BY GENERATOR AT AN EXISTING WIRELESS ANTENNA FACILITY

ALL WORK MUST CONFORM TO VERIZON WIRELESS CONSTRUCTION INSTALLATION STANDARDS & ALL APPLICABLE CODES AND ORDINANCES.



VERIZON WIRELESS



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	ISSUED FOR REVIEW	7/18/13	λΑΥ	
	ISSUED FOR FINAL	7/25/13	λΑΥ	
2	REVISED PER ZONING JURISDICTION	7/30/13	λYΓ	
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LOC. #113572

IRISH LANE

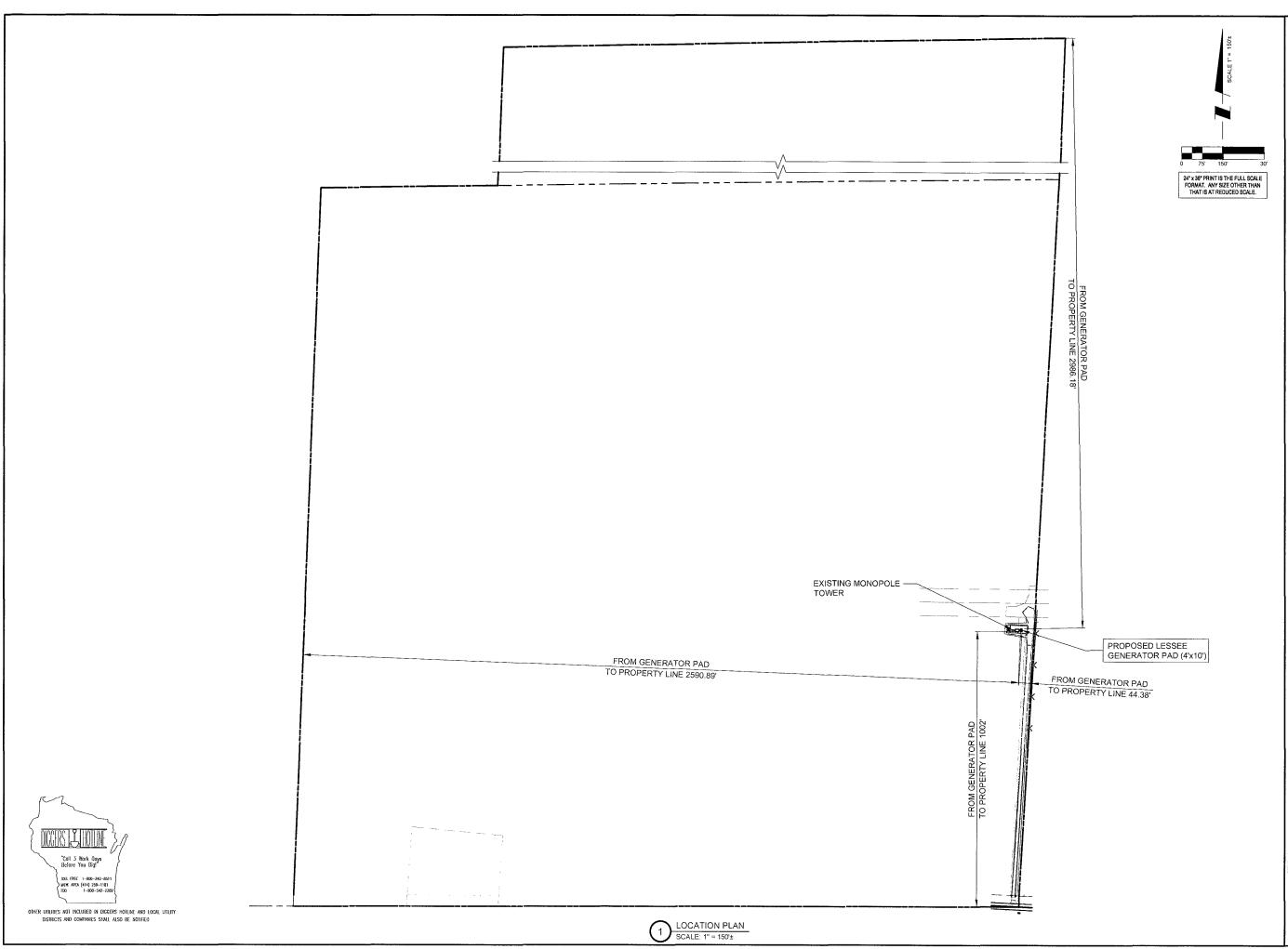
5282 IRISH LANE FITCHBURG, WI 53711

CHECKED BY	TAZ
DATE.	6/25/13
PROJECT#	33-1152

SHEET TITLE
TITLE SHEET

SHEET NUMBER

T-1





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DATE	7/18/13	7/25/13	7/30/13	9/05/13		
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LOC. #113572

IRISH LANE

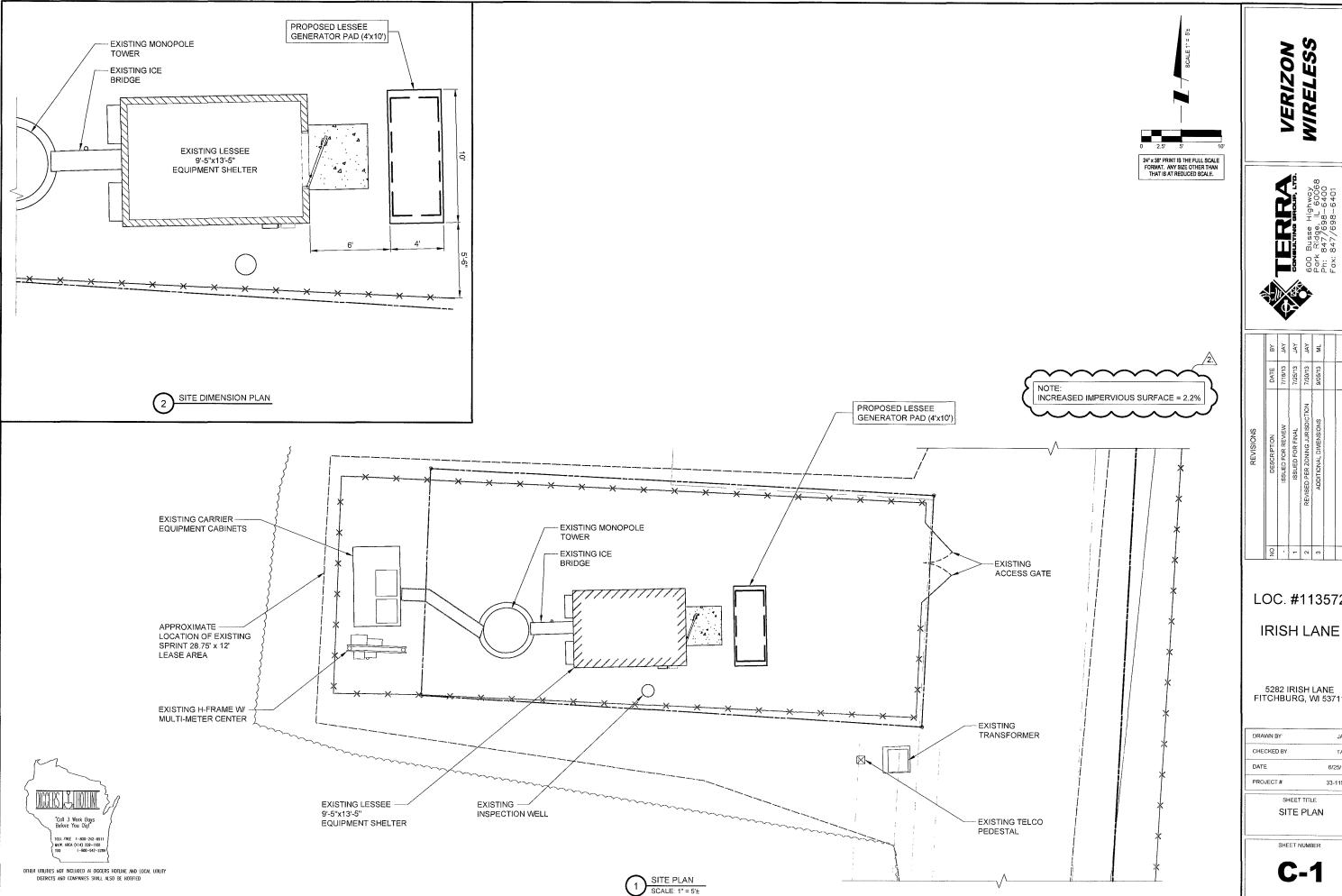
5282 IRISH LANE FITCHBURG, WI 53711

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CHECKED BY:	TAZ
DATE.	6/25/13
PROJECT#	33-1152

SHEET TITLE

LOCATION PLAN

LP-1



	BY	JAY	JAY	JAY	ML		
	DATE	7/18/13	7/25/13	7/30/13	9/05/13		
REVISIONS	DESCRIPTION	ISSUED FOR REVIEW	ISSUED FOR FINAL	REVISED PER ZONING JURISDICTION	ADDITIONAL DIMENSIONS		

LOC. #113572

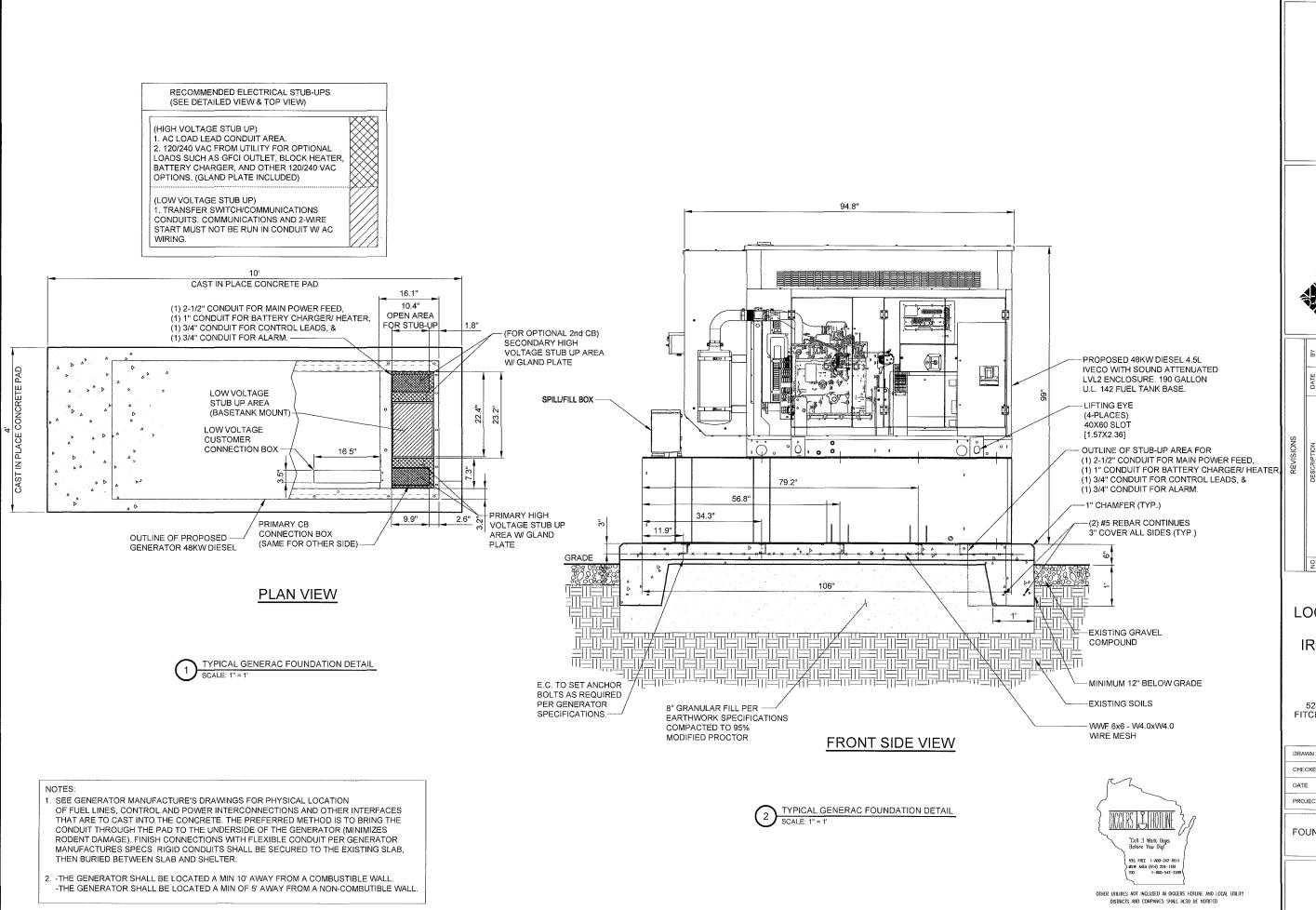
5282 IRISH LANE FITCHBURG, WI 53711

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CHECKED BY	TAZ
DATE	6/25/13
PROJECT#	33-1152

SITE PLAN

SHEET NUMBER

C-1



GOV BUSSE HIGHWAY POR RIGGS, IL 60068 Phr. 847/698-6400



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	DATE	7/18/13	7/25/13	7/30/13	9/05/13		
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LOC. #113572

IRISH LANE

5282 IRISH LANE FITCHBURG, WI 53711

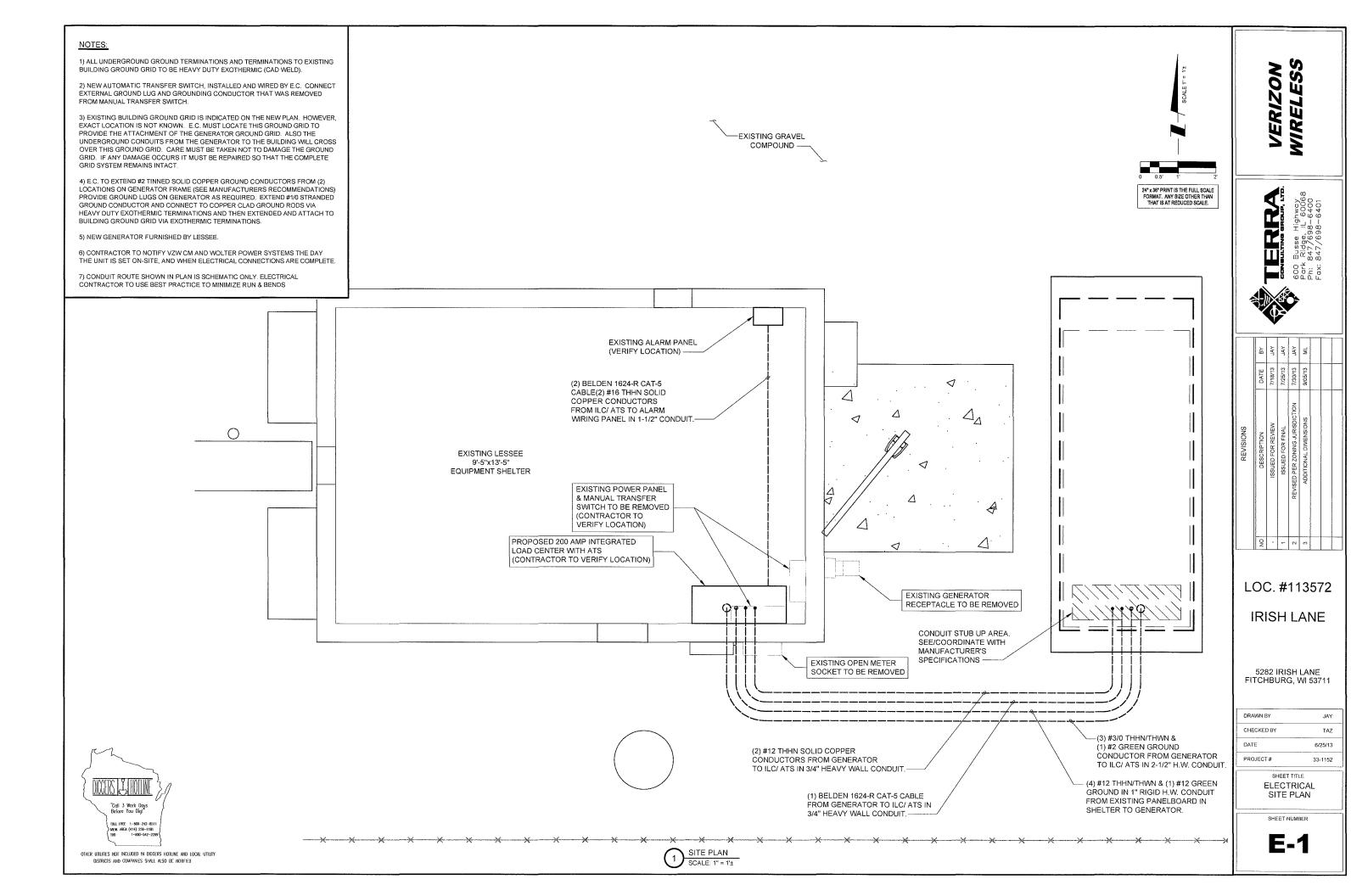
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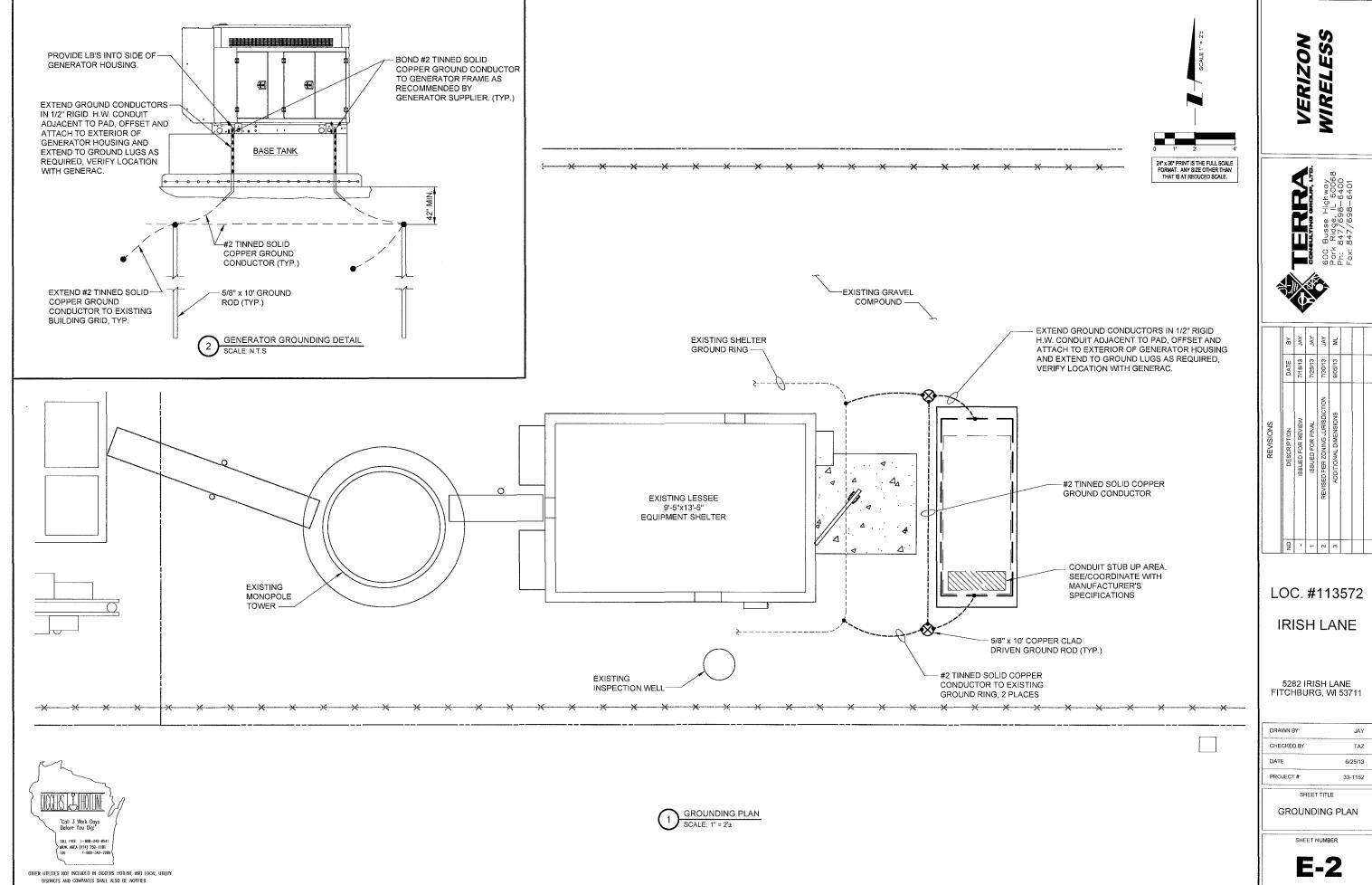
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FOUNDATION DETAILS

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C-2





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IRISH LANE

5282 IRISH LANE FITCHBURG, WI 53711

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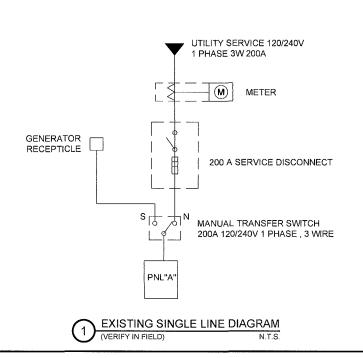
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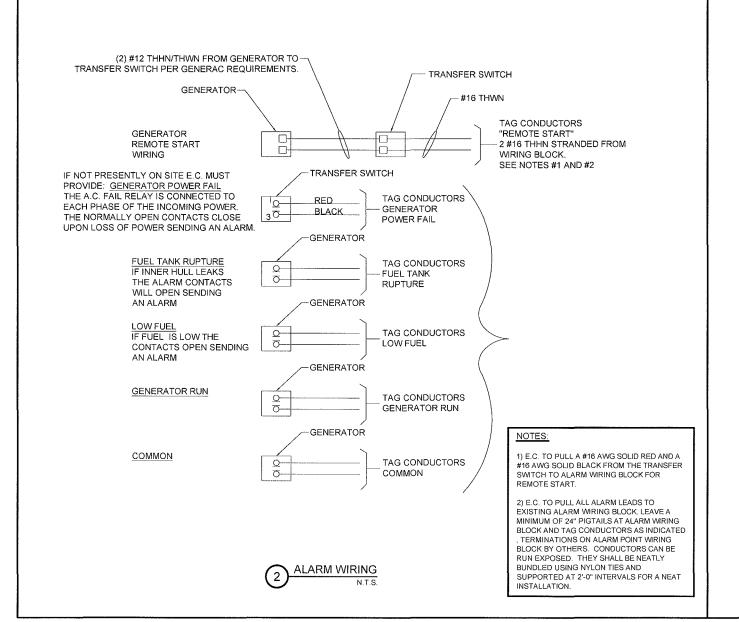
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ELECTRICAL DETAILS

SHEET NUMBER

E-3





KEY

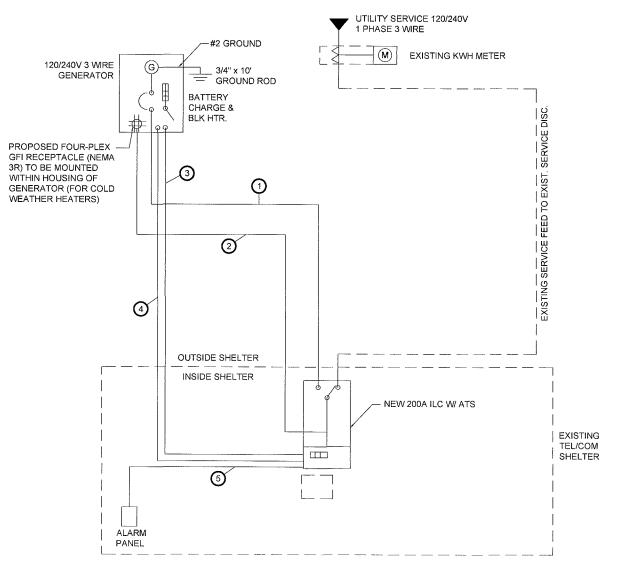
(1) (3) #3/0 & (1) #2 GND IN 2-1/2" C

(2) (4) #12 & (1) #12 GND IN 1" C
(SEE NOTE)

(3) (1) CAT-5 BELDEN IN 3/4" C

(4) (2) #12 THWN IN 3/4" C

(5) #16 THWN & (2) CAT-5 IN
1-1/2" C



E.C. TO PROVIDE (2) 20A

FOR BATTERY CHARGER

AND JACKET HEATER

1-POLE CIRCUIT BRÉAKERS



GENERAL PROVISIONS 1. SCOPE

A. WORK INCLUDED

1. SCOPE

2. GENERAL REQUIREMENTS

3. CODES, PERMITS, FEES, AND SALES TAX

4. MATERIALS SUBSTITUTIONS 5. DRAWINGS AND SPECIFICATIONS

R CUTTING AND PATCHING CLEANUP AND PAINTING

IDENTIFICATIONS AND INSTRUCTIONS

), IDENTIFICATIONS AND INSTRUCTIONS), SAFETY PRECAUTIONS 10. FINAL TESTS AND DEMONSTRATIONS

1. GUARANTEES 12. RECORD DRAWINGS

13. REVISIONS AND REMOVAL OF EXISTING EQUIPMENT

STORAGE REQUIRED TO COMPLETE THE ELECTRICAL WORK

B, THE FOLLOWING IS INTENDED TO SERVE AS AN ELECTRICAL INDEX ONLY, WITHOUT INTENDING TO RESTRICT THE VOLUME OF WORK REQUIRED.

SECTION 16010 - GENERAL PROVISIONS SECTION 16100 - BASIC MATERIALS AND METHODS SECTION 16400 - STANDBY GENERATOR

2. GENERAL REQUIREMENTS

A THIS SECTION OF THE SPECIFICATIONS IS A SEPARATE CONTRACT AND INCLUDES THE A This Section of the Section of the Section of the Principle ALL LABOR, MATERIALS, TOOL, TRANSPORTATION, TEST EQUIPMENT, PERMITS, CERTIFICATES, TEMPORARY PROTECTION, AND

8 WHEREVER THE WORDS "THE ELECTRICAL CONTRACTOR" "CONTRACTOR" OR "THIS CONTRACTOR" APPEAR IN THIS DIVISION OF THE SPECIFICATIONS THEY APPLY SPECIFICALLY TO THE ELECTRICAL CONTRACTOR.

C. ELECTRICAL CONTRACTOR TO REVIEW ALL PROJECT CONTRACT DOCUMENTS, AND PROVIDE ALL MATERIALS AND LABOR FOR ALL ELECTRICAL REQUIREMENTS INDICATED.

D. CONTRACTOR SHALL READ THE ENTIRE SPECIFICATION, AND SHALL EXAMINE ALL THE PROJECTS PLANS THE PROPOSED CONSTRUCTION SITE AS HE WILL BE REQUIRED TO DO ALL OF THE ELECTRICAL WORK WHETHER OR NOT SPECIFICALLY MENTIONED HEREIN OR INDICATED OR SHOWN ON THE

E SUCCESSFUL BIDDER WILL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY E. SUCCESSFUL BIDDER WILL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF AN MATTER OR THING CONCERNING WHICH SUCH BIDDER MIGHT HAVE INFORMED HIMSELF PRIOR TO THE BID OPENING IT SHALL BE UNDERSTOOD THAT THE ACT OF SUBMITTING A BID CARRIES WITH IT THE AGREEMENT TO ALL ITEMS AND CONDITIONS REFEREED OR INDICATED OR IMPLIED ON THE CONTRACT DOCUMENT DRAWINGS AND THE SPECIFICATIONS.

E IN THE EVENT OF A REQUEST FOR ADDITIONAL PAYMENT DUE TO CHANGES. SUBCONTRACTOR TO PROVIDE TO THE ENGINEERS A DETAILED DESCRIPTION OF CHANGES REQUIRED, INCLUING REASONS FOR PROPOSED WORK AND A COMPLETE MATERIAL AND LABOR BREAKDOWN OF ALL

G. THIS CONTRACTOR SHALL FURNISH AND REMOVE UPON COMPLETION OF THE PROJECT ALL SCAFFOLDING, RIGGING, HOISTING, AND SERVICES NECESSING FOR DELIVERY, ERECTION, AND INSTALLATION OF ALL EQUIPMENT AND APPARATUS REQUIRED TO BE INSTALLED BY THIS CONTRACTOR

3. CODES, PERMITS, FEES, AND SALES TAX

A INSTALLATION SHALL COMPLY WITH RULES AND REGULATIONS OF THE LATEST EDITION OF THE OCCUPATIONAL SAFETY AND HEALTH ACT, NATIONAL ELECTRICAL CODE, STATE ELECTRICAL CODE, LOCAL MUNICIPAL CODE, AMERICANS WITH DISABILITIES ACT (AD), THE ELECTRIC UTILITY FURNISHING

FI ECTRICAL ENERGY TO THIS PROJECT AND ANY OTHER BOARD HAVING JURISDICTION OVER THE ELECTRICAL INSTALLATION

8 CONTRACTOR SHALL BE LICENSED TO PERFORM ELECTRICAL WORK IN THE MUNICIPALITY IN 8. CONTRACTOR STALL BE LICENSED TO PERFORM ELECTRICAL WORK IN THE MUNICIPALITY IN WHICH THE PROJECT IS LOCATED AND SHALL OBTAIN ALL NECESSARY PERMITS FOR ELECTRICAL WORK AND SHALL PAY ALL REQUIRED FEES AND SALES OR USE TAX AS APPLICABLE TO THIS BRANCH OF WORK UPON COMPLETION OF THE WORK, DELIVER TO THE OWNER WITHOUT COST ALL REQUIRED

CERTIFICATES OF INSPECTION AN D APPROVAL

4 MATERIAL AND EQUIPMENT SUBSTITUTIONS

AND AMOUNT OF DEDUCT FROM BASE BID IF ANY

A MATERIAL OF OF THE TYPES FOR WHICH THERE ARE NATIONAL BOARD OF FIRE UNDERWRITERS (U.L.) LISTING AND LABEL SERVICE, SHALL SO BE LABELED AND SHALL BE USED BY THE CONTRACTOR

B. CONTRACTOR SHALL BID ON ITEMS AS SPECIFIED. IF THE CONTRACTOR DESIRES TO SUBSTITUTE ANY MATERIAL OR HE SHALL SUBMIT ALTERNATE BID ITEMS, WHICH SHALL BE LISTED ON A SEPARATE SHEET ACCOMPANYING THE BID, STATING MANUFACTURER, TRADE NAME, CATALOG DESIGNATION.

C. MATERIALS BY MANUFACTURES OTHER THAN THOSE NAMED WILL BE CONSIDERED IF SUCH C MATERIALS BY MANDFACTORES OTHER THAN THOSE NAMED WILL BE CONSIDERED IF S
SUBSTITUTE ITEMS ARE EQUAL IN QUALITY AND
OTHERWINS SIMILAR IN COMPOSITION, DESIGN, CONSTRUCTION, DIMENSION, CAPACITY,
EFFICIENCY, FINNISH AND PERFORMANCE.

D. WHERE THE SUBSTITUTIONS HAVE BEEN ACCEPTED BY THE ENGINEERS AND IT IS LATER FOUND SUCH SUBSTITUTIONS ALTER THE DESIGN OR SPACE REQUIREMENTS INDICATED ON THE PLANS. THE CONTRACTORS SHALL BE RESPONSIBLE FOR THE

COST INVOLVED TO REVISE THE BUILDING DESIGN AND CONSTRUCTION INCLUDING THE COST OF AO ALL ALLIED TRADES INVOLVED.

5 DRAWINGS AND SPECIFICATIONS

A WORK CALLED FOR IN THESE SPECIFICATIONS, BUT NOT SHOWN ON THE DRAWINGS IN THEIR PRESENT FORM OR VICE VERSA, AND WORK NOT SPECIFIED IN EITHER CONTRACT SPECIFICATIONS OR DRAWINGS, BUT INVOLVED IN CARRYING

OUT THEIR INTENT OR NECESSARY FOR COMPLETE AND PROPER EXECUTION OF THE WORK IS IS REQUIRED AND SHALL BE PERFORMED AS THOUGH IT WERE SPECIFICALLY OUTLINED OR DESCRIBED

B THE INTENT OF THESE SPECIFICATIONS AND THE DRAWINGS IS TO INCLUDE A COMPLETE WIRING SYSTEM FORM SERVICE ENTRANCE TO EACH OUTLET INDICATED OR SPECIFIED. INCLUDING CONNECTING ALL ELECTRICAL DEVICES AND OR EQUIPMENT FURNISHED BY THE OWNER OR OTHER

C ANY CONFLICT BETWEEN DRAWINGS AND SPECIFICATIONS SHALL BE DEEMED TO HAVE BEEN ESTIMATED THE MORE EXPENSIVE WAY

OF THE THE WORK AND/OR THE MOST STRINGENT REQUIREMENTS SHALL PREVAIL

D. THE DRAWINGS , WHICH CONSTITUTE A PART OF THE CONTRACT, ARE DIAGRAMMATIC AND

INDICATE THE GENERAL ARRANGEMENT OF CIRCUITS AND OUTLETS GENERALLY, OUTLETS SHALL BE LOCATED REQUIRED BY CODE OR FOR PROPER INSTALLATION OF EQUIPMENT AND TO BE COORDINATED. WITH WORK OF EQUIPMENT SUPPLIER

6 CUTTING AND PATCHING

A CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING NECESSARY FOR THE ELECTRICAL WORK, IN THE EVENT HOLES MUST BE CUT THOUGH REINFORCED CONCRETE, THEY MUST BE CORE DRILLED AND WITH SPECIFIC APPROVAL OF THE ENGINEER.

B, DAMAGE DONE BY THE ELECTRICAL CONTRACTOR SHALL BE REPAIRED BY THE ELECTRICAL CONTRACTOR SO THAT ALL THE DAMAGED AREA WILL MATCH SURROUNDING AREAS AND WILL FUNCTION AS ORIGINALLY INTENDED

7 CLEANUP AND PAINTING

A REMOVE FROM THE SITE ALL DEBRIS AND RUBBISH ACCUMULATING AS A RESULT OF THE A REMOVE PROMITES THE ALL DEBRIS AND VIDEOSIS ACCOUNTES AND A RESULT OF THE PROJECT, DISPOSE OF ALL DEBRIS AND RUBBISH AND.

1. LEAVE ELECTRICAL EQUIPMENT AREAS BROOM CLEAN

2. CLEAN INTERIOR OF ALL PANEL CABINETS, PULL BOXES, AND OTHER EQUIPMENT ENCLOSURES.

B. WHERE PAINTED SURFACE OF EQUIPMENT HAVE BEEN ABUSED, REMOVED OR RUSTED DURING CONSTRUCTION, THIS CONTRACTOR SHALL PAINT SMAE TO MATCH ORIGINAL FACTORY OR SURROUNDING FINISH

8. IDENTIFICATIONS AND INSTRUCTIONS

A. THE LOAD CENTER SHALL BE EQUIPPED WITH A DIRECTORY ACCURATELY INDICATING

SYSTEM WIRES SHALL ALSO BE CLEARLY IDENTIFIED BY DESCRIPTION AND LOCATION.

B ON BRANCH CIRCUITS, USE SHALL BE MADE OF ALL STANDARD COLORS AVAILABLE, WHERE WIRES OF DIFFERENT SYSTEMS JUNCTION IN A COMMON BOX, EACH CABLE SHALL BE GROUPED WITH ITS OWN SYSTEMS AND IDENTIFIED USING TAGS OR IDENTIFICATION STRIPS ALL CONTROL AND SPECIAL

A THE ELECTRICAL CONTRACTOR SHALL FURNISH AND PLACE GUARDS FOR PREVENTING OF ACCIDENTS FOR ALL WORK COVERED BY THIS CONTRACT. HE SHALL PROVIDE AND MAINTAIN ANY NECESSARY OSHA REQUIRED CONSTRUCTION. NECESSARY TO SECURE SAFETY OF LIFE OR

10 FINAL TESTS AND DEMONSTRATIONS

A UPON COMPLETION OF THE WORK, THE ELECTRICAL INSTALLATION SHALL TEST ENTIRELY FREE OF GROUNDS AND SHORT CIRCUITS. ALL FEEDERS TOP BE MEGGERED. MADE ELECTRODES TO BE TESTED WITH A DIRECT READING GROUND RESISTANCE TESTER, ONE (1) COPY OF MEGGER READINGS

AND GROUND RESISTANCE TEST TO BE SUBMITTED TO OWNER AND ONE (1) COPY TO ENGINEER. B. ALL AUXILIARY SYSTEMS SHALL BE CHECKED FOR OPTIMUM PERFORMANCE AND ALL MOTORS

C. CONTRACTOR SHALL BALANCE LOAD AMONG THE FEEDER CONDUCTORS AT THE LOAD CENTER, AND SHALL RECONNECT LOADS AS MAY BE NECESSARY TO OBTAIN A MAXIMUM OF 7 1/2% UNBALANCE OF LOAD ON EACH LEG.

D THE CONTRACTOR SHALL UPON REQUEST DEMONSTRATE PROPER OPERATION OF ALL ELECTRICAL SYSTEMS AND EQUIPMENT IN THE PRESENCE OF THE ENGINEER AND/OR OTHER DESIGNATED PERSONS.

A FLECTRICAL CONTRACTOR SHALL LEAVE THE ENTIRE ELECTRICAL SYSTEMS IN GOOD A ELECTRICAL CONTRACTOR STRACL LEAVE THE ENTIRE ELECTRICAL STSTEMS IN GOOD WORKING ORDER AND STALL LAT HIS EXPENSE REPAIR, REBUILD, REMOVAL, AND MAKE GOOD AND ACCEPTABLE ALL DEFECTIVE LABOR AND MATERIALS THAT MAY DEVELOP WITHIN ONE (1) YEAR AFTER COMPLETION AND FINAL ACCEPTANCE OF THE WORK HERE UNDER AND AS FURTHER DESCRIBED UNDER AND FINAL ACCEPTANCE OF THE WORK HERE UNDER AND AS FURTHER DESCRIBED UNDER DIVISIONS OF THE SPECIFICATIONS

B IT MAY BE NECESSARY TO ENERGIZE PORTIONS OF THE ELECTRICAL SYSTEM PRIOR TO FINAL ACCEPTANCE OF THE COMPLETED WORK BY THE OWNER IT IS THE INTENT OF THESE SPECIFICATIONS THAT THE GUARANTEE PERIOD SHALL BE ONE (1) FULL YEAR AFTER FINAL ACCEPTANCE

A CONTRACTOR SHALL KEEP AN UP TO DATE SET OF "RECORD DAWINGS" KEPT CURRENT ON A DAILY BASIS, SUCH DRAWINGS SHALL BE AVAILABLE TO THE ENGINEER OR HIS REPRESENTATIVE AT THE JOB SITE AT ALL TIMES, UPON COMPLETION OF THE CONTRACT TURN OVER TO THE ENGINEER ONE COMPLETE SET OF REPRODUCIBLE DRAWINGS

13. REVISIONS AND REMOVAL OF EXISTING EQUIPMENT

A CONTRACTOR SHALL NOTE THAT THE EXISTING BUILDING WILL REMAIN IN SERVICE DURING CONSTRUCTION. ALL WORK SHALL BE DONE IN A TIMELY
MANOR AND IN COMPLIANCE WITH THE "SEQUENCE OF CONSTRUCTION" LISTED ON THE PLANS.

8 ANY EXISTING CIRCUITS OR EQUIPMENT NOT SHOWN ON THE DRAWINGS AND WHICH ARE LOGICALLY EXPECTED TO BE CONTINUED IN SERVICE AND LOGICALET EARSE LED TO BE CONTINUED IN SERVICE AND
WHICH MAY BE INTERRUPTED OR DISTURBED DURING CONSTRUCTION, SHALL BE RECONNECTED
IN A APPROVED MANNER IN ADDITION, ANY EXISTING
CIRCUIT OR EQUIPMENT, WHICH MAY REQUIRE RELOCATION OR REROUNTING AS A RESULT OF
CONSTRUCTION, SHALL BE CONSIDERED A PART OF THE WORK OF THIS BRANCH AND SHALL BE DONE BY THIS CONTRACTOR WITH NO ADDITIONAL

C KEEP ALL EXISTING ELECTRIC CIRCUITS, TELEPHONE SERVICE, AND ALARM SIGNAL SYSTEMS OPERATION DURING CONSTRUCTION AS REQUIRED BY

SECTION 16100 BASIC MATERIALS AND METHODS

1 SCOPE

A THIS SECTION OF WORK INCLUDES THE BASIC MATERIALS TO INSTALL, CONNECT AND COMPLETE ELECTRICAL WORK IN A FINISHED WORKMANLIKE MANNER

2 RACEWAY SYSTEM 3 SUPPORT OF CONDUIT

4 CONDUIT FITTINGS

5 FIRE STOPS

5. FIRE STOPS
6. LOCATION OF EQUIPMENT
7 WIRE AND WIRING METHOD-600 VOLT AND BELOW
8. CONCRETE PLATFORMS AND BASES

A FURNISH AND INSTALL A COMPLETE CONDUIT RACEWAY SYSTEMS FOR ALL FEEDERS, BRANCH CIRCUITS AND COMMUNICATION CIRCUITS AS SHOWN ON

B. ALL CONDUIT SHALL BE FURNISHED IN MANUFACTURED LENGTHS AND U.L. LISTED FOR EACH B. ALC COMPON SHALL BE FORMISHED IN MANUFACTURED (ENGITES AND U.L. LIS MANUFACTURED LENGTH. RIGID HEAVY WALL CONDUIT SHALL BE FULL WEIGHT, HOT DIP GALVANIZED STEEL CONDUIT. E.M.T. SHALL BE ELETRO-GALVANIZED MILD STEEL WITH THOROUGHLY WELDED SEAMS.

C. RIGID HEAVY WALL STEEL CONDUIT MUST BE USED IN THE FOLLOWING LOCATION:

 ALL CONDUIT EXPOSED OUTDOORS.
 ALL CONDUIT INSTALLED IN CONCERT THAT IS ON GRADE OR BELOW GRADE. 3. ALL CONDUIT RUN UNDERGROUND.

D. DIRECT BURIED CONDUIT SHALL BE

1. RIGID HEAVY WALL STEEL CONDUIT 2. WHERE HEAVY TRUCK TRAFFIC IS ANTICIPATED, CONDUIT TO BE ENCASED IN A 3" CONCRETE ENEVOPLE IN THAT AREA. 3 INSTALLED ON UNDISTURBED FARTH AND SURROUNDED BY A 3" SAND ENVELOPE MMHEN NOT CONCRETE ENCASED)

E. ELECTRIC METALLIC TUBING (THIN WALL CONDUIT) BEARING THE UL LABEL OF APPROVAL MAY BE USED FOR BRANCH CIRCUIT WIRING AND FOR AUXILIARY SYSTEMS EXCEPT IT SHALL NOT BE USED FOR RUNS SPECIFIED TO BE INSTALLED IN RIGID CONDUIT (SEE PARAGRAPH C.)

F. CONDUIT SHALL BE CONTINUOUS FROM OUTLET, AND FROM OUTLETS TO CARINETS JUNCTION OR PULL BOXES SUCH THAT EACH SYSTEM SHALL BE ELECTRICALLY CONTINUOUS FROM POINT OF SERVICE TO ALL OUTLETS. ENTIRE DACEMAY SYSTEMS SHALL BE MADE MATER TIGHT MALERE

INSTALLED IN WET PLACES, UNDERGROUND OR WHERE BURIED IN MASONRY OR CONCRETE. G CONDUIT RUNS THAT EXTEND THROUGH AREAS OF DIFFERENT TEMPERATURE OR ATMOSPHERIC CONDITIONS OR THAT ARE PARTLY INDOORS AND PARTLY OUTDOORS, SHALL BE SEALED AND INSTALLED IN A MANER THAT WILL PREVENT

DRAINAGE OF CONDENSED OR ENTRAPPED MOISTURE INTO CABINETS MOTOR AND EQUIPMENT ENCLOSURES OVERHEAD CONDUIT SHALL BE PROVIDE WITH SEAL AND DRAIN FITTINGS TO PROVIDE CONTINUOUS

H. CONDUIT AND SLEEVES SHALL BE LOCATED AS CLOSE TO THE MIDDLE OF CONCRETE SLABS AS PRACTICAL WITHOUT DISTURBING THE REINFORCEMENT, OUTSIDE DIAMETER SHALL NOT EXCEED 1/3 OF THE SLAB THICKNESS AND CONDUIT SHALL NOT BE SPACED CLOSER THAN THREE TIMES CONDUIT DIAMETER AND SHALL OTHERWISE COMPLY WITH THE LATEST EDITION OF THE

PRACTICE - AC1-347"

I FLEXIBLE METAL CONDUIT IN CODE APPROVED LENGTHS AND SIZES SHALL BE USED FOR FINAL CONNECTIONS OF ALL EQUIPMENT SUBJECT TO VIBRATION OR MOVEMENT, FOR ALL MOTORS LIQUID TIGHT FLEXIBLE CONDUIT SHALL BE USED IN WET LOCATIONS. A SEPARATE GROUND WIRE SHALL BE PROVIDE THOUGH ALL FLEXIBLE CONNECTIONS

3 SUPPORT OF CONDUIT

AMERICAN CONCRETE INSTITUTE "MANUAL OF CONCRETE

A CONDUIT SHALL BE SECURELY FASTENED TO STRUCTURAL PARTS OF THE BUILDING

B. FURNISH SUPPORTS ASM REQUIRED BY CODE, BUT IN ANY EVENT DO NOT EXCEED 10'

4 CONDUIT FITTINGS

CONDUIT TERMINATION AT CABINETS AND BOXES SHALL BE RIGIDLY SECURED WITH GALVANIZED LOCK NUTS AND BUSHINGS AS REQUIRED BY CODE

 TERMINATION FOR RIGID HEAVY WALL STEEL CONDUIT SHALL BE LIQUID TIGHT, MADE OF STEEL WITH INSULATED THROATS AND DOUBLE LOCK NUTS
 TERMINATION FOR E.M.T. SHALL BE RAIN-TIGHT COMPRESSION TYPE MADE OF STEEL MALE FITTINGS TO HAVE INSULATED THROATS. 3.INDETOR, SET-SCREW CAST OR DRIVEN-ON TYPE COUPLINGS OR CONNECTORS ARE NOT

4. APPROVED MANUFACTURES: RACO, STEEL CITY, T&B MIDWEST OR APPLETION. B. RUNNING THREADS WILL NOT BE PERMITTED. WHERE REQUIRED, USE MANUFACTURED THREAD'S COUPLINGS SET SCREW AND SPLIT TYPE CONNECTORS ARE NOT ACCEPTABLE.

C. PROVIDE EXPANSION -DEFLECTION FITTINGS IN ALL METALLIC CONDUIT RUNS WHERE CROSSING EXPANSION JOINTS IN A STRUCTURAL WALL OR SLAB.

D. CONDUITS PASSING THOUGH EXTERIOR FOUNDATION WALLS OF THE BUILDING SHALL BE EQUIPPED WITH WALL ENTRANCE SEALS, O.Z. TYPE FSK, FSC, WSK, WSC, OR FST

A. WHERE CONDUITS OR EXPOSED CABLES PENETRATE FIRE STOPPED WALLS, PARTITIONS, CEILINGS .FLOORS, ETC. APPROVED FIRE STOP DEVICES SHALL BE USED TO KEEP FIRE RATING INTEGRITY

8 FIRE STOPS TO BE NELSON ELECTRIC TYPE MCT OR HUBBELL FP OR WALKER 1600/1500 SERIES.

6. LOCATION OF OUTLETS AND EQUIPMENT

A. LOCATION OF OUTLETS AND EQUIPMENT AS SHOWN ON PLANS IS APPROXIMATE AND EXACT LOCATION IS TO BE VERIFIED BY THE CONTRACTOR AND WILL BE DETERMINED BY

1 EQUIPMENT MANUFACTURER'S DRAWINGS

B MINOR MODIFICATIONS IN THE LOCATION OF OUTLETS AND EQUIPMENT IS CONSIDERED A PART OF THIS SPECIFICATION AND SHALL BE MADE WITH NO ADDITIONAL COMPENSATION

7. WIRE AND WIRING METHOD-600VOLT AND BELOW A ALL WIRE SIZES AND ALL CONDUIT SIZES SHOWN ON THE PLANS ARE FOR COPPER A ALL WINE SIZES AND ALL CONDUIT SIZES SHOWN ON THE PLANS ARE FOR COPPER CONDUCTORS. CONDUCTORS FOR FEEDERS, BRANCH CIRCUITS CONTROL, AND OTHER CIRCUITS 600 VOLTS AND BELOW SHALL HAVE 600 VOLT INSULATION: NO 12MINMUM UNLESS NOTED OTHERWISE, FACTORY COLOR CODED (SEE PARAGRAPH B) ALL WIRE AND CABLE SHALL BE AS MANUFACTURED BY OKONITE, ROME, COLLYER, CABLEC, OR AS OTHERWISE APPROVED AND AS FOLLOWS

1. TYPE THWN/THHN SOILD OR STRANDED IN ALL GENERAL AREAS FOR NO. 12 AND NO. 10 AWG

2. TYPE THWN/THHN STRANDED FOR ALL WIRE NO. 8 AWG AND LARGER

B CONDUCTORS FOR ALARM SYSTEM SHALL BE AS MANUFACTURED BY BELDEN CORPORATION AND AS FURTHER DESCRIBED HEREIN:

1 INGENERAL, NO 16 AWG 2 CONDUCTOR, TINNED COPPER, POLYETHYLENE INSULATED, CONDUCTORS CABLE, STRANDED TINNED COPPER DRAIN WIRE AND CHROME VINY! OUTER JACKET

C. JOINTS, TAPS, AND SPLICES IN CONDUCTORS NO.10 AWG AND SMALLER SHALL BE MADE WITH PRESSION TYPE SOLDER LESS CONNECTORS WITH PLASTIC COVERS AND SHALL BE 3M "SCOTCHLOK", IDEAL "SUPER NUT" OR BUCHANON "B-CAPS"

D. JOINTS, TAPS, AND SPLICES IN CONDUCTORS NO. AWG AND LARGER SHALL BE MADE WITH SOLDER LESS PRESSURE TYPE CONNECTORS SIMILAR TO BURNDY, ANDERSON, THOMAS & BETTS COMPANY OR APPROVED EQUAL EACH TAP, JOINT AND SPLICE IN CONDUCTORS NO.8 AWG AND

ANGEN BHALL BE TAPED WITH TWO HALF-LAP LAYERS OF SCOTCH NO. 33 VINYL PLASTIC ELECTRICAL TAPE, MARKING TO BE MADE BY SCOTCH NO 35

COLOR CODING TAPE, EQUAL TAPES BY PLYMOUTH ARE ACCEPTABLE

8. CONCRETE PLATFORMS AND BASES

A. THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL CONCRETE PLATFORMS AND BASES SHOWN ON THE ELECTRICAL PLANS. THIS SHALL INCLUDE BASES. FOR STAND BY GENERATOR

B. IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO CHECK MANUFACTURER'S 8. IT SHALL BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO CHECK MANUFACTURER'S CERTIFIED EQUIPMENT DRAWINGS IN ORDER TO DETERMINE EXACT DIMENSIONS AND OTHER REQUIEMENT. CONTRACTOR SHALL FURNISH AND INSTALL ALL ANCHOR SOLTS REQUIRED.

STANDBY GENERATOR

1 THIS SECTION OF THE WORK INCLUDES ALL THE NECESSARY EQUIPMENT, MATERIALS AND WORK REQUIRED TO RECEIVE INSTALL AND WIRE A COMLPETE EMERGENCY GENERATOR SYSTEM

B WORK INCLUDED:

1. SCOPE 2. GROUNDING

3. FEEDERS BRANCH CIRCUITS 5 STANDBY GENERATOR

2 GROUNDING

A. A COMPLETE GROUNDING GRID SYSTEM SHALL BE (PROVIDE AS SHOWN ON THE PLANS AND SHALL BE TIED INTO THE BUILDING GROUND GRID AS

B. CARE MUST BE TAKEN TO DIG UP AND EXPOSE THE EXISTING UNDERGROUND BUILDING

C. HEAVY DUTY EXOTHERMIC (CAD WELD) CONNECTIONS MUST BE MADE FROM THE GENERATOR GROUND GRID TO THE BUILDING GROUND GRID AS SHOWN ON THE PLANS AT THE TWO LOCATIONS INDICTED.

D. IF THE BUILDING GROUND GRID IS DAMAGED DURING THE EXCAVATION OF THE GENERATOR GROUND GRID OR THE INSTALLATION OF THE UNDERGROUND CONDUIT SYSTEM BETWEEN THE GENERATOR AND THE BUILDING, IT MUST BE RESTORED TO ITS ORIGINAL CONFIGURATION AND OPERATING CONDITION.

A. FURNISH, INSTALL, AND CONNECT FEEDERS IN ACCORDANCE WITH INFORMATION ON THE DRAWINGS WITH CONDUCTORS INSULATION TO CONFORM TO REQUIREMENT OF THESE SPECIFICATION.

8. EACH CONDUIT RACEWAY SHALL CONTAIN ONLY THOSE CONDUCTORS CONSTITUTING A

C. FEEDER CONDUCTORS SHALL BE SIZED SO TO PROVIDE A MAXIMUM OF 5% VOLTAGE DROPPER N.E.C. ARTICLE 215(B)-(F.P.N. NO2) D. CONDUCTOR SUPPORTS IN VERTICAL RACEWAYS SHALL MEET THE REQUIEMENTS OF ARTICLE

4 BRANCH CIRCUITS

300-19 OF THE N.E.C. LATEST ADDITION

FURNISH AND INSTALL A COMPLETE BRANCH CIRCUIT AND CONTROL WIRING SYSTEM AS INDICATED ON THE PLANS BALANCED LOAD ON THE PANEL BOARD BUS IS TO THE DETERMINE FACTOR IN ARRANGEMENT OF CIRCUIT PANEL BOARD LOADING SHALL BE BALANCED TO \$100.

B. NO WIRE SMALLER THEN 12 AWG (UNLESS OTHERWISE NOTED) SHALL BE USED FOR BRANCH CIRCUIT WIRING INCLUDING MOTOR CIRCUITS. BRANCH CIRCUITS 15 AMP AND 20 AMP MUST BE SIZED FOR LENGTH OF RUN ON THE FOLLOWING

1. IN GENERAL, BRANCH CIRCUIT WIRING SHALL BE PROVIDE TO LIMIT VOLTAGE DROP TO 3% AT ANY OUTLET PER I.E. ARTICLE 210 19(a)(F.P.N. NO. 4)

2. THE FOLLOWING WILL BE CONSIDERED AS MINIMUM REQUIEMENTS.

(1) 0 TO 75 FOOT RUNS FROM PANEL BOARD TO FIRST OUTLET, NO. 12 AWG MINIMUM (2) 75 TO 150 FOOT RUN: INCREASE ONE WIRE SIZE TO NO.10 AWG

5 STANDBY GENERATOR

A. THE STANDBY GENERATOR SHALL BE FURNISH BY LESSEE AND SHALL BE RECEIVED, INSTALLED AND WIRED BY THE ELECTRICAL CONTRACTOR AS SHOWN ON THE PLANS

B THE GENERATOR SHALL BE RATED NOT LESS THAN 60 KW AS MANUFACTURED BY GENERAC POWER SYSTEMS, INC.

UNSATISFACTORY EQUIPMENT MUST BE MADE BY THE GENERATOR

MANUFACTURER PRIOR TO FINAL CONNECTION TO THE LOAD CENTER

C AUTOMATIC TRANSFER SWITCHES SHALL BE FURNISHED BY LESSEE, INSTALLED AND WIRED BY THE ELECTRICAL CONTRACTOR AS SHOWN ON THE PLANS AND AS INDICATED IN THE SEQUENCE OF CONSTRUTION

D. AFTER INSTALLATION BUT PRIOR TO CONNECTION TO THE BUILDING LOAD CENTER A STARTUP TEST MUST BE RUN AND ALL COMPONENTS CHECKED. OUT FOR PROPER INSTALLATION, STARTUP TEST MUST BE DONE BY THERMELO WITH THE ELECTRICAL CONTRACTOR PRESENT, LOADS SHALL

BE TESTED AT 75% AT THE RATE KW FOR 2 HOURS AND AT RATED KW FOR 2HOURS CHECK BE LESTED AT 197M. THE RAIL RWIFUR ZIDUNG AND AT RATED AWFOR ZIDUNG CHECK VOLTAGE FREQUENCY OIL PRESSURE, WATER TEMPERATURE PROVIDE A TEST REPORT ON ALL THE RESULTS. RECORDS GENERATOR FRAME TEMPERATURE AT HOTTERST AFTER THE UNIT HAS CARRIED THE FULL LOAD FOR 2 HOURS. ALL ADJUSTMENTS AND REPLACEMENTS OF VERIZON ES WIREL

LOC. #113572

IRISH LANE

5282 IRISH LANE FITCHBURG, WI 53711

DRAWN BY JAY CHECKED BY TAZ 6/25/13 PROJECT# 33-1152

SHEET TITLE

ELECTRICAL NOTES

SHEET NUMBER

VICINITY MAP

 \bigcirc

SURVEYOR'S NOTES:

I) AN ATTEMPT WAS MADE TO LOCATE ALL PROPERTY CORNERS AND MONUMENTS. WHERE NO MONUMENTS WERE FOUND, THE PROPERTY LINE WAS DRAWN BASED ON RECORDED AND/OR FILED DOCUMENTS.

2) THE SURVEY FOR THIS MAP WAS PERFORMED BY RAMAKER \$ ASSOCIATES, INC. REVIEW WAS PERFORMED BY MARINUS B. BOTTERMAN.

3)NOT TO BE USED AS CONSTRUCTION DRAWINGS. 4) THE LOCATIONS OF UNDERGROUND UTILITIES WAS DETERMINED BY FIELD OBSERVATIONS AND VISIBLE MARKINGS ONLY AT TIME OF SURVEY.

5) PARENT PARCEL DESCRIPTION FROM RECORDED AND/OR FILED DOCUMENTS.

6)THIS MAP WAS PREPARED WITHOUT THE AID OF A TITLE COMMITMENT. REFER TO A CURRENT TITLE COMMITMENT FOR ANY BUILDING LINES AND EASEMENTS NOT SHOWN ON THIS MAP. 7)BEARINGS ARE REFERENCED TO THE EASE LINE OF LOT 2 OF CERTIFIED SURVEY MAP NO. 9896, RECORDED AS DOCUMENT NO. 327 | 3 | 8 | IN VOLUME 57, PAGE 237 AND 238, IN THE DANE COUNTY REGISTER OF DEEDS OFFICE, SAID TO BEAR SO3°02'06"W.

2029.00' N88° 57′ 31″E SOUTH LINE OF THE NE 1/4 OF SECTION 15 N89° 15' 39"E NORTH LINE OF THE SE 1/4 OF SECTION 15 638.46' LOT 2 CERTIFIED SURVEY MAP NO. 9896 VOLUME 57, PAGES 237-238 DOCUMENT NO. 3271318 EXISTING VERIZON LEASE AREA -CERTIFIED SURVEY MAP NO. 9896 VOLUME 57, PAGES 237-238 DOCUMENT NO. 3271318 2627.20' N90° 00' 00"W SOUTH LINE OF THE SE 1/4 OF SECTION 15 PARENT PARCEL

PARENT PARCEL DESCRIPTION

LOT 2 OF CERTIFIED SURVEY MAP NO.9896, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS FOR DANE COUNTY, WISCONSIN ON DECEMBER 6TH, 2000 IN VOLUME 57 OF CERTIFIED SURVEY MAPS, ON PAGE 237 AND 238, AS DOCUMENT NO.3271318 AND ALSO BEING A PART OF THE SOUTH 1/2 OF NORTHEAST 1/4 AND THE SOUTHEAST 1/4, ALL IN SECTION 15, TOWNSHIP 6 NORTH, RANGE 9 EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN.

EXISTING VERIZON LEASE AREA DESCRIPTION PER DOCUMENT NO. 4762227

A PART OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION FIFTEEN (15), TOWNSHIP SIX (6) NORTH, RANGE NINE (9) EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN CONTAINING 1797 SQUARE FEET (0.041 ACRES) OF LAND AND BEING DESCRIBED BY: COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 15; THENCE S88°-01'-26"W 25.03 FEET ALONG THE SOUTH LINE OF THE SE 1/4 OF SAID SECTION 15; THENCE NO 1°-04'-09"E 995.65 FEET ON A LINE PARALLEL WITH AND 25.00 FEET WEST MEASURED AT RIGHT ANGLES FROM THE EAST LINE OF THE SEI/4 OF SAID SECTION 15, TO THE POINT OF BEGINNING; THENCE CONTINUE NO 1°-04'-09"E 28.75 FEET; THENCE N88°-55'-51"W 62.50 FEET; THENCE 501°-04'-09"W 28.75 FEET; THENCE S88°-55'-51"E 62.50 FEET TO THE POINT OF BEGINNING; BEING SUBJECT TO ANY AND ALL EASEMENTS AND RESTRICTIONS OF RECORD.

EXISTING INGRESS/EGRESS EASEMENT DESCRIPTION PER DOCUMENT NO. 4762227

20 FOOT WIDE INGRESS/EGRESS EASEMENT A 20 FOOT WIDE INGRESS/EGRESS EASEMENT BEING A PART OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION FIFTEEN (15), TOWNSHIP SIX (6) NORTH, RANGE NINE (9) EAST, CITY OF FITCHBURG, DANE COUNTY, WISCONSIN CONTAINING 22,527 SQUARE FEET (0.5 | 7 ACRES) OF LAND AND BEING DESCRIBED BY: COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 15; THENCE S88°-01'-26"W 5.00 FEET ALONG THE SOUTH LINE OF THE SEI/4 OF SAID SECTION 15 TO THE POINT OF BEGINNING; THENCE CONTINUE S88°-0 I'-26"W 20.03 FEET ALONG SAID SOUTH LINE; THENCE NO1°-04'-09"E 1024.40 FEET ON A LINE PARALLEL WITH AND 25.00 FEET WEST MEASURED AT RIGHT ANGLES FROM THE EAST LINE OF THE SE 1/4 OF SAID SECTION 15; THENCE N88°-55'-5 I "W 62.50 FEET; THENCE NO I °-04'-09"E 20.00 FEET; THENCE 588°-55'-51"E 62.50 FEET; THENCE NO1°-04'-09"E 20.00 FEET; THENCE 588°-55'-51"E 20.00 FEET; THENCE SOI°-04'-09"W I 063.33 FEET ON A LINE PARALLEL WITH AND 5.00 FEET WEST MEASURED AT RIGHT ANGLES FROM THE EAST LINE OF THE SE 1/4 OF SAID SECTION 15, TO THE POINT OF BEGINNING; BEING SUBJECT TO ANY AND ALL EASEMENTS AND RESTRICTIONS OF RECORD.



- EXISTING INGRESS/EGRESS - AGRICULTURE -EASEMENT, SEE OVERALL SITE DETAIL - EXISTING FENCED COMPOUND EXISTING VERIZON LEASE AREA munumun manaman manama I" IRON PIPE FOUND (N88°55'51W" 62.50') I" IRON EXISTING EQUIPMENT PIPE FOUND 0.19' PLATFORM EXISTING VERIZON -EASEMENT OVERLAPS EXISTING LEASE AREA - EXISTING TOWER GRAVEL **EXISTING** EQUIPMENT -(\$88°55'51E" 62.50') —_____ SHELTER PIPE FOUND I" IRON PIPE FOUND

CENTERLINE OF EXISTING 10'

WIDE RIGHT-OF-WAY GRANT

UNDERGROUND ELECTRIC TO

LEASE AREA

DETAIL

MADISON GAS \$ ELECTRIC

COMPANY PER DOCUMENT

NO. 2906864

EXISTING 100' UTILITY -

EASEMENT TO MADISON

GAS & ELECTRIC

COMPANY, SEE

OVERALL SITE DETAIL

50.00'



E 1/4 CORNER OF SECTION 15, T6N, R9E

20 00'

20.00'

10.00'

20.03' OHE - 33.00' ___

(588°01'26"W) — ____

POB OF INGRESS/EGRESS

NO. 4762227

EASEMENT PER DOCUMENT

10.00'

(S88°55'5|E")

S86° 57′ 54″E

(N88°55'51W")

N86° 57' 54"W

CENTERLINE OF EXISTING 10

WIDE RIGHT-OF-WAY GRANT

UNDERGROUND ELECTRIC TO

MADISON GAS & ELECTRIC

COMPANY PER DOCUMENT

AGRICULTURE

FIELD

OVERALL

SITE

SE CORNER OF

FOUND PK NAIL

SECTION 15, TGN, R9E

∠ (588°01'26") √ 589° 59′ 23″W

5.00'

NORTH

NO. 2906864

TREELINE

N86° 57' 54"W (N88°55'51W")

(NO1°04'09E") N3° 02' 06"E

(568°34'11E") N70° 32' 08"E

(\$88°55'51E") \$86° 57' 54"E

(NO1°04'09E") N3° O2' O6"E

EDGE OF FIELD

EXISTING VERIZON LEASE AREA

SEE LEASE AREA DETAIL

100' UTILITY EASEMENT TO MADISON GAS & ELECTRIC COMPANY

30.00'

36.74'

32.50'-

1120 Dallas Street, Sauk City, WI 53583 Phone: 608-643-4100 Fax: 608-643-7999 www.Ramaker.com

I hereby certify that this Survey Document was prepared and the related Survey Work was performed by me or under my direct ed Wiscons

MARINUS

BOTTERMAN

S-2302

Certification & Seal:

CRETE

MARINUS B. BOTTERMAN, PLS Date: 09/17/13 License Number 5-2302

MARK DATE DESCRIPTION

DATE | 9/17/2013

ISSUE PHASE: FINAL PROJECT TITLE:

> IRISH LANE 113572

PROPERTY OWNER: ROBERT & MARY FAHEY 5370 IRISH LANE FITCHBURG, WI 537 I I PROJECT LOCATION: 5370-5376 IRISH LANE FITCHBURG, WI 53711

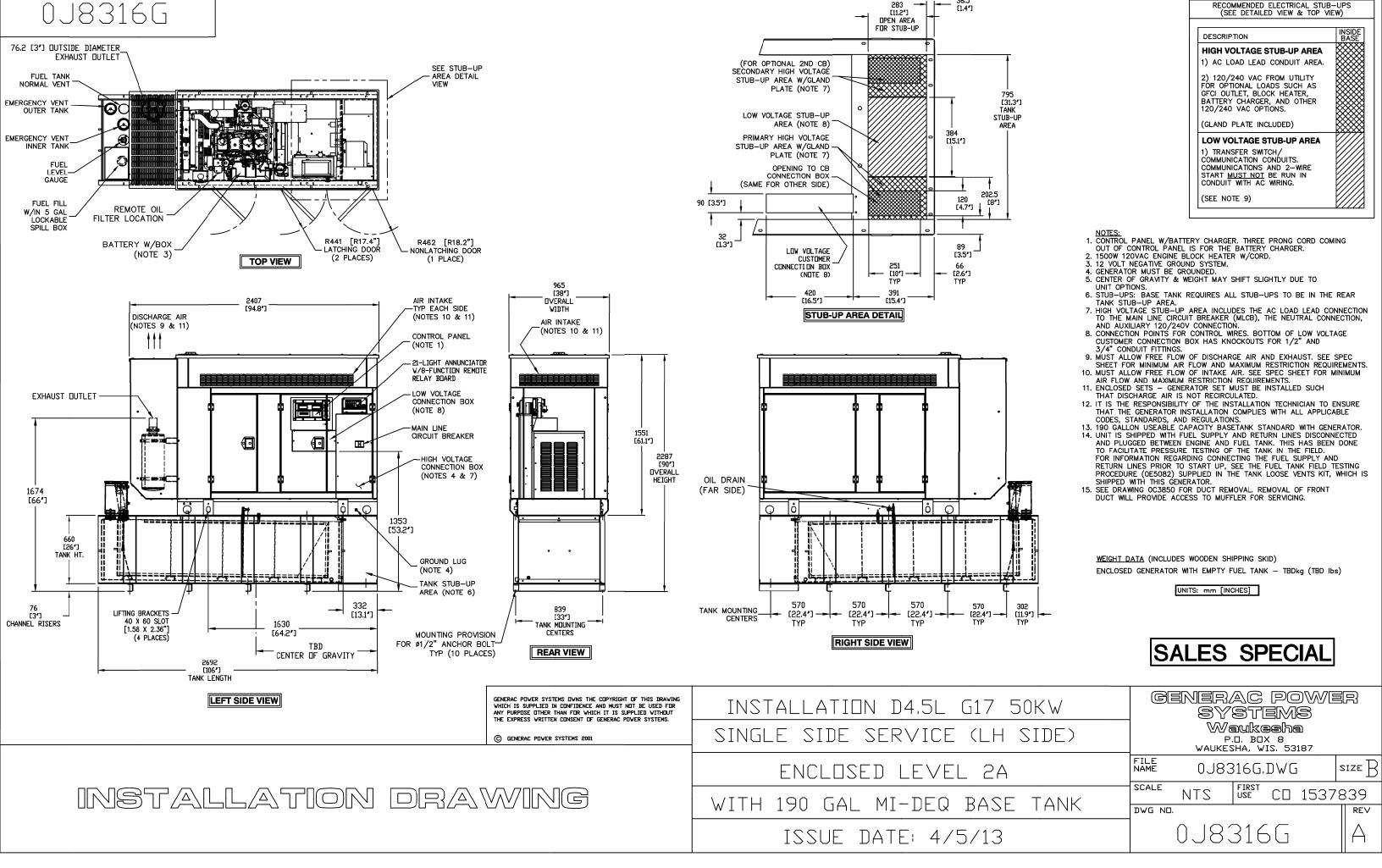
SHEET TITLE:

PLAT OF SURVEY

R # A NUMBER 20135-116 PROJECT NUMBER 26588

LEGEND — G, — GAS — OHE — OVERHEAD ELECTRIC ---- FO, ----- FIBER OPTIC CABLE — STM — STORM SEWER ---- BOUNDARY LINE - --- INTERIOR LINE - --- RIGHT-OF-WAY LINE — EASEMENT —— — CENTER LINE (C/L) EDGE-GRAVEL TREELINE EDGE OF FIELD ----- FENCE CHAIN LINK MONUMENT, FOUND TELEPHONE PEDESTAL ELECTRIC PANEL/TRANS. UTILITY POLE RECORDED AS

T . UNDERGROUND TELEPHONE ——E , ——— UNDERGROUND ELECTRIC EDGE-ASPHALTIC PAVEMENT



RECOMMENDED ELECTRICAL STUB-UPS